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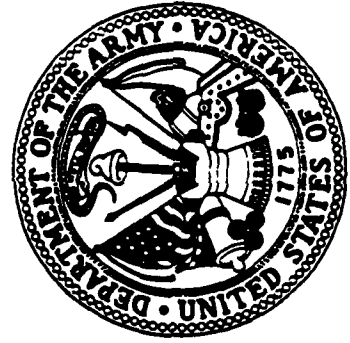
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# DEPARTMENT OF THE ARMY

JUSTIFICATION OF ESTIMATES FOR FY 1992/FY 1993 BUDGET

SUBMITTED TO CONGRESS

FEBRUARY 1991



MISSILE PROCUREMENT, ARMY

AIRCRAFT	MISSILES
WEAPONS AND TRACKED COMBAT VEHICLES	
AMMUNITION	OTHER

DTIC  
ELECTE  
MAR 25 1991  
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DEPARTMENT OF THE ARMY  
Office of the Assistant Secretary of the Army  
(Financial Management)

DEPARTMENT OF THE ARMY  
MISSILE PROCUREMENT, ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1992/1993 BUDGET

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Statement A, per phone call with Larry Stopher, Office of the Assistant Sec. of the Army (Financial Mgmt), Pentagon (3B-663), Wash, DC 20310 Tele(703)697-6241  
Vic LaChance DTIC-FDAB 3-25-91

MISSILE PROCUREMENT, ARMY

Section 1

Budget Appendix Extract

Appropriation Language  
Program and Financing Schedule

APPROPRIATION LANGUAGE

For construction, procurement, production, modification, and modernization of missiles, equipment, including ordnance, ground handling equipment, spare parts, and accessories therefor; specialized equipment and training devices; expansion of public and private plants including the land necessary therefor, for the foregoing purposes, and such land and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes; \$1,106,700,000 in fiscal year 1992 to remain available for obligation until September 30, 1994 and \$1,341,900,000 in fiscal year 1993 to remain available for obligation until September 30, 1995.,

**Missile Procurement, Army  
Program and Financing (in Thousands of dollars) SUMMARY**

Identification code	21-2032-O-1-051	Budget Plan (amounts for PROCUREMENT actions programed)		
		1990 actual	1991 est.	1992 est. 1993 est.
<b>Program by activities:</b>				
<b>Direct program:</b>				
00.0101	Other missiles	1,982,271	2,056,531	973,884 1,242,986
00.0201	Modification of missiles	139,342	135,374	109,898 32,240
00.0301	Spares and repair parts	115,132		23,118 42,070
00.0401	Support equipment and facilities	28,992	24,420	24,604
00.9101	Total direct program	2,265,737	2,216,325	1,106,700 1,341,900
01.0101	Reimbursable program	169,313	105,200	266,300 266,300
10.0001	Total	2,435,050	2,321,525	1,373,000 1,608,200
<b>Financing:</b>				
<b>Offsetting collections from:</b>				
11.0001	Federal funds(-)	-108,199	-67,300	-228,400 -228,400
13.0001	Trust funds(-)	-56,848	-37,900	-37,900 -37,900
14.0001	Non-Federal sources(-)	-4,266		
17.0001	Recovery of prior year obligations			
21.4002	Unobligated balance available, start of year:			
21.4003	For completion of prior year budget plans	-3,500	-200,519	
21.4009	Available to finance new budget plans	-21,755	28,673	
22.4001	Reprogramming from/to prior year budget plans			
22.4001	Unobligated balance transferred to other accounts			
24.4002	Unobligated balance available, end of year:			
24.4003	For completion of prior year budget plans	200,519		
25.0001	Available to finance subsequent year budget plans	21,755		
39.0001	Unobligated balance lapsing			
	Budget authority	2,462,756	2,044,479	1,106,700 1,341,900
<b>Budget authority:</b>				
40.0001	Appropriation	2,708,399	2,218,422	1,106,700 1,341,900
40.3501	Appropriation rescinded (-)	-50,700		
40.3601	Appropriation rescinded (unob bal)		-171,846	
40.7501	Reduction pursuant to P.L. 101-165 (-)	-1,529		
40.7502	Reduction pursuant to P.L. 101-511 (-)		-2,097	
41.0001	Transferred to other accounts (-)*	-193,414		
43.0001	Appropriation (adjusted)	2,462,756	2,044,479	1,106,700 1,341,900
<b>Relation of obligations to outlays:</b>				
71.0001	Obligations incurred, net			
72.4001	Obligated balance, start of year			
74.4001	Obligated balance, end of year			
77.0001	Adjustments in expired accounts (net)			
78.0001	Adjustments in unexpired accounts			
90.0001	Outlays			

Missile Procurement, Army  
Program and Financing (in Thousands of dollars) SUMMARY

Obligations

Identification code	21-2032-O-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Other missiles	1,980,449	1,935,239	1,160,617	1,270,145
00.0201	Modification of missiles	168,260	144,874	111,430	49,345
00.0301	Spares and repair parts	121,055	27,290	11,136	34,157
00.0401	Support equipment and facilities	43,386	21,033	23,381	24,305
00.9101	Total direct program	2,313,150	2,128,436	1,306,564	1,377,952
01.0101	Reimbursable program	168,280	117,915	266,300	266,300
10.0001	Total	2,481,430	2,246,351	1,572,864	1,644,252
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-101,311	-67,300	-228,400	-228,400
13.0001	Trust funds(-)	-53,279	-37,900	-37,900	-37,900
14.0001	Non-Federal sources(-)	-4,385			
17.0001	Recovery of prior year obligations	-60,823			
21.4002	Unobligated balance available, start of year:	-717,742	-700,092	-775,266	-575,402
21.4003	For completion of prior year budget plans	-3,500	-200,519		
21.4009	Available to finance new budget plans		28,673		
22.4001	Reprogramming from/to prior year budget plans				
22.4001	Unobligated balance transferred to other accounts				
24.4002	Unobligated balance available, end of year:	700,092	775,266	575,402	539,350
24.4003	For completion of prior year budget plans	200,519			
25.0001	Available to finance subsequent year budget plans	21,755			
25.0001	Unobligated balance lapsing				
39.0001	Budget authority	2,462,756	2,044,479	1,106,700	1,341,900
Budget authority:					
40.0001	Appropriation	2,708,399	2,218,422	1,106,700	1,341,900
40.3501	Appropriation rescinded (-)	-50,700			
40.3601	Appropriation rescinded (unob bal)		-171,846		
40.7501	Reduction pursuant to P.L. 101-165 (-)	-1,529			
40.7502	Reduction pursuant to P.L. 101-511 (-)		-2,097		
41.0001	Transferred to other accounts (-)*	-193,414			
43.0001	Appropriation (adjusted)	2,462,756	2,044,479	1,106,700	1,341,900
Relation of obligations to outlays:					
71.0001	Obligations incurred, net	2,322,455	2,141,151	1,306,564	1,377,952
72.4001	Obligated balance, start of year	3,963,393	3,747,189	3,389,940	2,533,504
74.4001	Obligated balance, end of year	-3,747,189	-3,389,940	-2,533,504	-2,170,356
77.0001	Adjustments in expired accounts (net)	-24,411			
78.0001	Adjustments in unexpired accounts	-60,823			
90.0001	Outlays	2,453,426	2,498,400	2,163,000	1,741,100

Missile Procurement, Army  
Object Classification (in Thousands of dollars) SUMMARY

Identification code	21-2032-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
<b>Direct obligations:</b>					
<b>Other services:</b>					
125.004 Other	588,535	486,825	281,485	302,031	
126.001 Supplies and materials	685,271	543,572	390,185	394,886	
131.001 Equipment	1,039,344	1,098,039	634,894	681,235	
199.001 Total Direct obligations	2,313,150	2,128,436	1,306,564	1,377,952	
<b>Reimbursable obligations:</b>					
<b>Other services:</b>					
225.004 Other	42,816	49,505	49,505	49,505	
226.001 Supplies and materials	49,853	6,750	105,135	105,135	
231.001 Equipment	75,611	61,660	111,660	111,660	
299.001 Total Reimbursable obligations	168,280	117,915	266,300	266,300	
999.901 Total obligations	2,481,430	2,246,351	1,572,864	1,644,252	



## Missile Procurement, Army

**Budget Plan (amounts for PROCUREMENT actions programmed)**

Identification code 21-2032-0-1-051

**Program by activities:**

**Direct program:**

**Other missiles**

## Modification of missiles

## Spare and repair parts

## Support equipment and facilities

Total direct program

## Reimbursable program

**Total**

### Financing:

**Offsetting collections from:**

Federal funds(-)

Trust funds(-)

Non-Federal sources (-)

Recovery of prior year obligations

Unobligated balance available, start of year:

**For completion of prior year budget plans**

**Available to finance new budget plans**

Reprogramming from/to prior year budget plans

**Unobligated balance lapsing**

**Budget authority (Transferred to other accou**

**-3,500**  
**-21,755**  
**21,755**

**-3,500**

Missile Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1988

Obligations

Identification code	21-2032-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Other missiles	126,081			
00.0201	Modification of missiles	25,461			
00.0301	Spares and repair parts	3,890			
00.0401	Support equipment and facilities	7,836			
00.9101	Total direct program	163,268			
01.0101	Reimbursable program	2,791			
10.0001	Total	166,059			
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	2,891			
13.0001	Trust funds(-)	3,351			
14.0001	Non-Federal sources(-)	2			
17.0001	Recovery of prior year obligations	-25,636			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans	-168,422			
21.4009	Available to finance new budget plans	-3,500			
25.0001	Reprogramming from/to prior year budget plans				
	Unobligated balance lapsing	21,755			
41.0001	Budget authority (Transferred to other accou	-3,500			

Missile Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1989

Obligations

Identification code	21-2032-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Other missiles	309,032	159,705		
00.0201	Modification of missiles	41,868	9,917		
00.0301	Spares and repair parts	34,711	5,748		
00.0401	Support equipment and facilities	9,621	920		
00.9101	Total direct program	395,232	176,290		
01.0101	Reimbursable program	6,271	2,620		
10.0001	Total	401,503	178,910		
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	3,997			
13.0001	Trust funds(-)	218			
14.0001	Non-Federal sources(-)	-121			
17.0001	Recovery of prior year obligations	-35,187			
21.4002	Unobligated balance available, start of year:				
	For completion of prior year budget plans	-549,320	-178,910		
24.4002	Unobligated balance available, end of year:				
	For completion of prior year budget plans	178,910			
39.0001	Budget authority				

Missile Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1990

Budget plan (amounts for PROCUREMENT  
actions programed)

Identification code	21-2032-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Other missiles	1,982,271			
00.0201	Modification of missiles	139,342			
00.0301	Spares and repair parts	115,132			
00.0401	Support equipment and facilities	28,992			
00.9101	Total direct program	2,265,737			
01.0101	Reimbursable program	169,313			
10.0001	Total	2,435,050			
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-108,199			
13.0001	Trust funds(-)	-56,848			
14.0001	Non-Federal sources(-)	-4,266			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans		-200,519		
22.4001	Available to finance new budget plans		28,673		
22.4001	Unobligated balance transferred to other accounts				
24.4002	Unobligated balance available, end of year:				
24.4003	For completion of prior year budget plans	200,519			
24.4003	Available to finance subsequent year budget plans				
39.0001	Budget authority	2,466,256	-171,846		
Budget authority:					
40.0001	Appropriation	2,708,399			
40.3501	Appropriation rescinded (-)	-50,700			
40.3601	Appropriation rescinded (unob bal)		-171,846		
40.7501	Reduction pursuant to P.L. 101-165 (-)	-1,529			
41.0001	Transferred to other accounts (-)	-189,914			
43.0001	Appropriation (adjusted)	2,466,256	-171,846		

Missile Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1990

Obligations

Identification code	21-2032-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Other missiles	1,545,336	269,468	167,467	
00.0201	Modification of missiles	100,931	24,933	13,478	
00.0301	Spare and repair parts	82,454	21,542	11,136	
00.0401	Support equipment and facilities	25,929	259	2,804	
00.9101	Total direct program	1,754,650	316,202	194,885	
01.0101	Reimbursable program	159,218	10,095		
10.0001	Total	1,913,868	326,297	194,885	
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-108,199			
13.0001	Trust funds(-)	-56,848			
14.0001	Non-Federal sources(-)	-4,266			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans			-521,182	-194,885
22.4001	Available to finance new budget plans			-200,519	
22.4001	Unobligated balance transferred to other accounts			28,673	
24.4002	Unobligated balance available, end of year:				
24.4003	For completion of prior year budget plans	521,182	194,885		
24.4003	Available to finance subsequent year budget plans	200,519			
39.0001	Budget authority	2,466,256	-171,846		
Budget authority:					
40.0001	Appropriation	2,708,399			
40.3501	Appropriation rescinded (-)	-50,700			
40.3601	Appropriation rescinded (unob bal)		-171,846		
40.7501	Reduction pursuant to P.L. 101-165 (-)	-1,529			
41.0001	Transferred to other accounts (-)	-189,914			
43.0001	Appropriation (adjusted)	2,466,256	-171,846		

Missile Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1991

Budget Plan (amounts for PROCUREMENT  
actions programmed)

Identification code	21-2032-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Other missiles		2,056,531		
00.0201	Modification of missiles		135,374		
00.0401	Support equipment and facilities		24,420		
00.9101	Total direct program		2,216,325		
01.0101	Reimbursable program		105,200		
10.0001	Total		2,321,525		
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)		-67,300		
13.0001	Trust funds(-)		-37,900		
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans				
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans				
39.0001	Budget authority		2,216,325		
Budget authority:					
40.0001	Appropriation		2,216,422		
40.7502	Reduction pursuant to P.L. 101-511 (-)		-2,097		
43.0001	Appropriation (adjusted)		2,216,325		

Missile Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1991

Obligations

Identification code	21-2032-O-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Other missiles		1,506,066	334,153	216,312
00.0201	Modification of missiles		110,024	11,930	13,420
00.0401	Support equipment and facilities		19,854	2,146	2,420
00.9101	Total direct program		1,635,944	348,229	232,152
01.0101	Reimbursable program		105,200		
10.0001	Total		1,741,144	348,229	232,152
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)		-67,300		
13.0001	Trust funds(-)		-37,900		
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans			-580,381	-232,152
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans		580,381	232,152	
39.0001	Budget authority		2,216,325		
Budget authority:					
40.0001	Appropriation		2,218,422		
40.7502	Reduction pursuant to P.L. 101-511 (-)		-2,097		
43.0001	Appropriation (adjusted)		2,216,325		

**Missile Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1992**

Identification code    21-2032-0-1-051		Budget Plan (amounts for PROCUREMENT actions programmed)		
		1990 actual	1991 est.	1992 est.    1993 est.
Program by activities:				
Direct program:				
00.0101	Other missiles			973,884
00.0201	Modification of missiles			109,698
00.0401	Support equipment and facilities			23,118
00.9101	Total direct program			1,106,700
01.0101	Reimbursable program			266,300
10.0001	Total			1,373,000
Financing:				
Offsetting collections from:				
11.0001	Federal funds(-)			-228,400
13.0001	Trust funds(-)			-37,900
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans			
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans			
40.0001	Budget authority (Appropriation)			1,106,700



Missile Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1992

Obligations

Identification code	21-2032-O-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Other missiles		658,997	194,485	
00.0201	Modification of missiles		86,022	9,290	
00.0401	Support equipment and facilities		18,431	2,175	
00.9101	Total direct program		763,450	205,950	
01.0101	Reimbursable program		266,300		
10.0001	Total		1,029,750	205,950	
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)		-228,400		
13.0001	Trust funds(-)		-37,900		
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans			-343,250	
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans		343,250	137,300	
40.0001	Budget authority (Appropriation)		1,106,700		

**Missile Procurement, Army**  
**Program and Financing (in Thousands of dollars) FISCAL YEAR 1993**

Identification code    21-2032-0-1-051		Budget Plan (amounts for PROCUREMENT actions programmed)		
		1990 actual	1991 est.	1992 est.
Program by activities:				
Direct program:				
00.0101	Other missiles			
00.0201	Modification of missiles			1,242,986
00.0301	Spares and repair parts			32,240
00.0401	Support equipment and facilities			42,070
				24,604
00.9101	Total direct program			1,341,900
01.0101	Reimbursable program			266,300
10.0001	Total			1,608,200
Financing:				
Offsetting collections from:				
11.0001	Federal funds(-)			-228,400
13.0001	Trust funds(-)			-37,900
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans			
40.0001	Budget authority (Appropriation)			1,341,900

**Missile Procurement, Army**  
**Program and Financing (in Thousands of dollars) FISCAL YEAR 1993**

**Obligations**

Identification code	21-2032-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
<b>Program by activities:</b>					
<b>Direct program:</b>					
00.0101	Other missiles				859,348
00.0201	Modification of missiles				26,635
00.0301	Spares and repair parts				34,157
00.0401	Support equipment and facilities				19,710
00.9101	Total direct program				939,850
01.0101	Reimbursable program				266,300
10.0001	Total				1,206,150
<b>Financing:</b>					
<b>Offsetting collections from:</b>					
11.0001	Federal funds(-)				-228,400
13.0001	Trust funds(-)				-37,900
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans				402,050
40.0001	Budget authority (Appropriation)				1,341,900

**MISSILE PROCUREMENT, ARMY**

**Section 2**

**Budget Activity Justification**

**Activity 2 - Other Missiles**

**Activity 3 - Modification of Missiles**

**Activity 4 - Spares and Repair Parts**

**Activity 5 - Support Equipment and Facilities**

Department of the Army		FY 1992/1993 Budget	
Annual Budget Estimates			
JUSTIFICATION			
Appropriation			
Missile Procurement, Army			
Program or Budget Project Account		(Thousands of Dollars)	
		Actual	Estimate
		FY 1990	FY 1991
		Estimate	Estimate
		FY 1991	FY 1992
		Estimate	Estimate
		FY 1993	FY 1993
Activity 2 - Other Missiles			
Direct Budget Plan		\$1,982,271	\$2,056,531
		\$983,184	\$1,242,986
Section 1 - PURPOSE AND SCOPE			

Provides for procurement of surface-to-air, antitank assault, surface-to-surface and air-to-surface missile systems; related ground support equipment; and initial issue and replacement of losses consumed in reliability firings, crew proficiency firings, and other training activities.

#### Section 2 - JUSTIFICATION OF FUNDS REQUESTED

##### CHAPARRAL Missile System (P-1 Line Item No. 1)

(\$ in Thousands)

FY 1992	FY 1993
\$6,819	\$6,788

\$6.8 million is requested in FY 1992 and \$6.8 million is requested in FY 1993 for government engineering support and fielding of Rosette Scan Seeker (RSS) missiles during the funded delivery period.

Line of Sight-Forward-Heavy (LOS-F-H) System (P-1 Line Item No. 2)

(\$ in Thousands)	
FY 1992	FY 1993
\$ -0-	\$208,802

\$208.8 million is requested in FY 1993 for the procurement 115 missiles and 7 Line of Sight Forward Heavy fire units. Line of Sight Forward-Heavy is a component of the Forward Area Air Defense System designed to counter the line of sight fixed wing and helicopter threat to forces in Heavy Divisions (Armored and Mechanized Infantry).

HAWK Missile System (P-1 Line Item No. 3)

(\$ in Thousands)	
FY 1992	FY 1993
\$1,647	\$1,727

\$1.6 million is requested in FY 1992 and \$1.7 million is requested in FY 1993 to support the fielding of the Hawk system.

Other Missile Support (P-1 Line Item No. 4)

(\$ in Thousands)	
FY 1992	FY 1993
\$596	\$1,304

\$ .6 million is requested in FY 1992 and \$1.3 million is requested in FY 1993 to procure replacement HAWK rocket motors and peculiar support equipment.

PATRIOT Missile System (MYP) (P-1 Line Item No. 5)

(\$ in Thousands)	
FY 1992	FY 1993
\$107,052	\$19,214

\$107.1 million is requested in FY 1992 to support fielding of missiles for the US. \$19.2 million is requested in FY 1993 for government engineering and fielding of the PATRIOT missile system during the funded delivery period.

STINGER Missile System (P-1 Line Item No. 6)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$37,526</u>	<u>\$6,767</u>

\$37.5 million is requested in FY 1992 to procure training equipment and provide government engineering and fielding for Stinger missiles. \$6.8 million is requested in FY 1993 for government engineering support and fielding of the Stinger Missile System during the funded delivery period.

AVENGER (PED MT STINGER) (P-1 Line Item No. 7)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$127,418</u>	<u>\$105,625</u>

\$127.4 million is requested in FY 1992 for 144 Pedestal Mounts for the Stinger Missile System. \$105.6 million is requested in FY 1993 for 144 Pedestal Mounts for the Stinger missile system. The AVENGER component of the Forward Area Air Defense System (FAADS), the Pedestal Mounted Stinger (PMS) consists of a launcher/carrier for eight ready to fire Stinger Missiles and a .50 caliber machine gun integrated with sensors and devices to provide day/night and adverse weather target detection, acquisition, tracking, target ranging, and identification friend or foe (IFF). Beginning in FY 1991, the Army plans to initiate a five year multiyear procurement contract for the PMS System.

AVENGER (PED MT STINGER) (MYP) Advance Procurement (P-1 Line Item No. 8)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$52,700</u>	<u>\$44,900</u>

\$52.7 million is requested in FY 1992 and \$44.9 million is requested in FY 1993 to procure advance materials in economic order quantities in support of the multiyear procurement of the Line of Sight-Rear Fire Unit.

Laser HELLFIRE System (P-1 Line Item No. 9)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$19,697</u>	<u>\$120,246</u>

\$19.7 million is requested in FY 1992 to procure 112 HELLFIRE optimized missiles and associated equipment. \$120.2 million is requested in FY 1993 to procure 2543 Hellfire optimized missiles. HELLFIRE missile system is designed to defeat the current and future armor threat at stand-off ranges. The HELLFIRE is the primary armament of the AH-64 helicopter.

Advanced Antitank Weapon System-Medium (AAWS-M) (P-1 Line Item No. 10)

	(\$ in Thousands)
FY 1992	FY 1993
<u>\$ -0-</u>	<u>\$176,275</u>

\$176.3 million is requested in FY 1993 to procure low rate initial production quantities for the Advanced Antitank Weapon System-Medium (AAWS-M).

Advanced Antitank Weapon System - Medium (AAWS-M)  
Advance Procurement (P-1 Line Item No. 11)

	(\$ in Thousands)
FY 1992	FY 1993
<u>\$70,894</u>	<u>\$ -0-</u>

\$70.9 million is requested in FY 1992 for long lead items for low-rate initial production of the Advanced Antitank Weapon System - Medium (AAWS-M).

TOW-2 Missile System (P-1 Line Item No. 12)

	(\$ in Thousands)
FY 1992	FY 1993
<u>\$200,578</u>	<u>\$187,091</u>

FY 1992 request of \$200.6 million will procure 10,000 TOW-2B missiles. FY 1993 request of \$187.1 million will procure 9440 to TOW-2B missiles. The TOW-2B is an upgrade of the basic TOW which was originally fielded in 1970. It is designed to defeat threat armor.

Multiple Launch Rocket System (MLRS) Rockets (P-1 Line Item No. 13)

	(\$ in Thousands)
FY 1992	FY 1993
<u>\$2,111</u>	<u>\$2,217</u>

\$2.1 million is requested in FY 1992 and \$2.2 million is requested in FY 1993 for government engineering support and fielding of the MLRS rocket system during the funded delivery period.

MLRS Launcher (P-1 Line Item No. 15)

	(\$ in Thousands)
FY 1992	FY 1993
<u>\$178,233</u>	<u>\$169,615</u>

\$178.2 million is requested in FY 1992 to procure 43 MLRS Launchers and \$169.6 million is requested in FY 1993 to procure 34 MLRS Launchers. MLRS Launchers are required to support the Army's conversion of the 8" Artillery to MLRS units.



MLRS Launcher Advance Procurement (P-1 Line Item No. 16)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$3,000</u>	<u>-0-</u>

\$3.0 million is requested in FY 1992 for advance procurement of materials for the MLRS Vehicle Chassis (BFVS).

Army Tactical Missile System (ATACMS) (P-1 Line Item No. 17)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$150,928</u>	<u>\$167,386</u>

\$150.9 million is requested in FY 1992 for procurement of 300 missiles. \$167.3 million is requested in FY 1993 for 351 missiles. The Army Tactical Missile System is an improved conventional semi-ballistic missile system designed to attack targets at ranges beyond the capabilities of existing cannons and rockets. ATACMS will be transported and launched from the Multiple Launch Rocket System (MLRS) launcher. FY 1992 begins a three-year multiyear procurement program.

Army Tactical Missile System (ATACMS) Advance Procurement  
(P-1 Line Item No. 18)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$23,985</u>	<u>\$25,029</u>

\$24.0 million is requested FY 1992 and \$25.0 million in FY 1993 for the procurement of long lead items for the Army Tactical Missile System.

Department of the Army Appropriation		FY 1992/1993 Budget	
Annual Budget Estimates	JUSTIFICATION	Missile Procurement, Army	
Program or Budget Project Account		(Thousands of Dollars)	
Actual FY 1990	Estimate FY 1991	Estimate FY 1992	Estimate FY 1993
Activity 3 - Modification of Missiles			
Direct Budget Plan	\$139,342	\$135,374	\$109,698
			\$32,240

#### Section 1 - PURPOSE AND SCOPE

Provides for the modification of Surface-to-Air, Surface-to-Surface, and Antitank missile systems.

#### Section 2 - JUSTIFICATION OF FUNDS REQUESTED

##### PATRIOT Modifications (P-1 Line Item No. 19)

	(\$ in Thousands)
FY 1992	FY 1993
\$35,505	\$10,365

\$35.5 million is requested in FY 1992 and \$10.4 million is requested in FY 1993 to support the planned system growth Program P3I and anticipated material changes which will add hardware enhancements/improvements to the PATRIOT Weapon System.

##### CHAPARRAL Modifications (P-1 Line Item No. 20)

	(\$ in Thousands)
FY 1992	FY 1993
\$462	\$ -0-

\$ .5 million is requested in FY 1992 for depot application of Reliability Improvement of Selected Equipment (RISE) power train modification.

BAUK Modifications (P-1 Line Item No. 21)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$10,019</u>	<u>\$ -0-</u>

\$10 million is requested in FY 1992 to complete the procurement of Phase III training devices.

AVENGER MODS (P-1 Line Item No. 22)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$7,772</u>	<u>\$4,283</u>

\$7.8 million is requested in FY 1992 and \$4.3 million is requested in FY 1993 to support the Pre-Planned Product Improvement (P3I) Program which includes Environmental Control Unit, Command and Control Manual, and Command and Control Automatic and Non-Cooperative Target Recognition.

TOW Modifications (P-1 Line Item No. 23)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$8,263</u>	<u>\$5,108</u>

\$8.3 million is requested in FY 1992 and \$5.1 million is requested in FY 1993 to modify missiles with safety Missile Ordinance Inhibitor Circuit (MOIC), practice warhead and launch motors to support training requirements, and to apply TOW Optical Sight Hardening (TOSH) kits which improves gunner survivability by reducing the enemies ability to optically locate the TOW gunner.

MLRS Modifications (P-1 Line Item No. 24)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$36,934</u>	<u>\$12,484</u>

\$36.9 million is requested in FY 1992 and \$12.5 in FY 1993 to fund procurement of kits to modify MLRS launchers to make them capable of launching the Deep Battle family of improved munitions (ATACMS, SADARM and MLRS-TGW) and to equip the launchers with the vastly improved metal blast panels.

Modifications Less Than \$2.0M (P-1 Line Item No. 25)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$2,500</u>	<u>\$ -0-</u>

\$2.5 million is requested in FY 1992 for depot application of Reliability Improvement of Selected Equipment (RISE) power train modification kits.

Tractor Rig (P-1 Line Item No. 26)

(\$ in Thousands)	
FY 1992	FY 1993
<u>\$8,243</u>	<u>\$ -0-</u>

This is a classified program. Details to be provided separately.

Department of the Army		Appropriation	
Annual Budget Estimates		Missile Procurement, Army	
JUSTIFICATION		FY 1992/1993 Budget	
Program or Budget Project Account		(Thousands of Dollars)	
Activity 4 - Spares and Repair Parts		Actual FY 1990	Estimate FY 1991
		Estimate FY 1992	Estimate FY 1993
Direct Budget Plan		\$115,132	\$ -0-
			\$51,070

#### Section - 1 PURPOSE AND SCOPE

Provides for the procurement of initial provisioning, peacetime replenishment, and mobilization reserve of repairable major assemblies and repair parts for surface-to-air, air-to-surface, surface-to-surface, and antitank missile systems and items.

#### Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Required for the procurement of initial issue, of centrally managed, high dollar value depot repairable missile system components, assemblies.

#### Spares and Repair Parts (P-1 Line Item No. 28)

	(\$ in Thousands)
FY 1992	FY 1993
\$ -0-	\$51,070

\$51.1 million is requested in FY 1993 for Initial Spares to support major end item fielding.

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation	FY 1992/1993 Budget
Missile Procurement, Army		
Program or Budget Project Account	(Thousands of Dollars)	

Activity 5 - Support Equipment & Facilities	Actual FY 1990	Estimate FY 1991	Estimate FY 1992	Estimate FY 1993
	\$28,992	\$24,420	\$13,818	\$15,604

Section 1 - PURPOSE AND SCOPE

Provides for the procurement of support equipment, miscellaneous items less than \$2.0 million and Production Base Support for Army missile systems.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Air Defense Targets (P-1 Line Item No .29)

(\$ in Thousands)
FY 1992
\$11,210
FY 1993
\$13,589

\$11.2 million is requested in FY 1992 and \$13.6 million is requested in FY 1993 for procurement of air defense targets, towed targets and ground support systems. This program provides targets for training of air defense personnel.

Items Less Than \$2.0 Million (P-1 Line Item No. 30)

	(\$ in Thousands)	
	FY 1992	FY 1993
	\$1,608	\$2,015

\$1.6 million is requested FY 1992 and \$2.0 million is requested in FY 1993 for procurement of tools and test sets to support missile system maintenance and repair.

Production Base Support (P-1 Line Item No. 31)

	(\$ in Thousands)	
	FY 1992	FY 1993
	\$1,000	\$ -0-

\$1.0 million is requested in FY 1992 for rehabilitation of facilities at Government Owned/Contractor Operated plants and for new and replacement equipment at White Sands Missile Range. This line is transferred to the OMA appropriation for future requirements in the new OSD Defense Business Operations Fund.

**MISSILE PROCUREMENT, ARMY**

**Section 3**

**Comparison of Program Requirements and Financing**



MISSILE PROCUREMENT, ARMY

Section 3

Comparison of Programing Requirements and Financing

Comparison of FY 1991 program requirements as reflected in the FY 1991 Budget with FY 1991 program requirements as shown in the FY 1992/1993 Budget Estimate.

Comparison of FY 1991 financing as reflected in the FY 1991 Budget with FY 1991 financing as shown in the FY 1992/1993 Budget Estimate.

Comparison of FY 1990 program requirements as reflected in the FY 1991 Budget with FY 1990 program requirements as shown in the FY 1992/1993 Budget Estimate.

Comparison of FY 1990 financing as reflected in the FY 1991 Budget with FY 1990 financing as shown in the FY 1992/1993 Budget Estimate.

COMPARISON OF FY 1991 PROGRAM REQUIREMENTS  
AS REFLECTED IN THE FY 1991 BUDGET  
WITH THE FY 1991 PROGRAM REQUIREMENTS AS SHOWN  
IN THE FY 1992/1993 BUDGET ESTIMATE  
SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation	FY 1991 Requirements Per FY 1991 Budget Estimate	FY 1991 Requirements Per FY 1992/1993 Budget Estimate	Increase (+) or Decrease (-)
Missile Procurement, Army			
Activity 2 - Other Missiles	2,463,609	2,056,531	-407,078
Activity 3 - Modification of Missiles	135,374	135,374	0
Activity 4 - Spares and Repair Parts	0	0	0
Activity 5 - Support Equipment and Facilities	24,517	24,420	-97
<b>TOTAL</b>	<b>2,623,500</b>	<b>2,216,325</b>	<b>-407,175</b>

EXPLANATION BY ACTIVITY

Activity 2 - Other Missiles - The net decrease resulted from Congressional adjustments to ADS HVY MSL SYS (\$-235,584), ADS HVY MSL ADV PROC (\$-36,200), PATRIOT (\$-146,800), AVENGER (\$-5,409), Laser Hellfire (\$-17,000), TOW 2 (\$-43,968), MLRS (\$+89,200), Total Package Fielding (\$-9,317) and general reductions for consultant services savings (\$-1,500) and discount air fare savings (\$-500).

Activity 5 - Support Equipment and Facilities - The net decrease resulted from a general reduction for discount air fare savings (\$-97).

COMPARISON OF FY 1991 FINANCING AS REFLECTED  
IN THE FY 1991 BUDGET WITH FY 1991 FINANCING  
AS SHOWN IN FY 1992/1993 BUDGET ESTIMATE

(In Thousands of Dollars)			
Appropriation	FY 1991 Financing Per FY 1991 Budget	FY 1991 Financing Per FY 1992/1993 Budget Estimate	FY 1991 Increase (+) or Decrease (-)
Missile Procurement, Army			
Program Requirements (Total)	2,889,800	2,321,525	-568,275
Program Requirements (Service Account)	(2,623,500)	(2,216,325)	(-407,175)
Program Requirements (Reimbursable)	(266,300)	(105,200)	(-161,100)
Less:			
Anticipated reimbursements	-266,300	-105,200	+161,100
Unobligated balance available to finance new budget plans		-200,519	-200,519
Add:			
Unobligated balance transferred to other accounts		+28,673	+28,673

BUDGET AUTHORITY

Appropriation

2,623,500	2,044,479	-579,021
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EXPLANATION:

The reimbursable program (offsetting collections) decreased by \$161,100 because of change in Spare Parts policy and orders were less than originally anticipated.

The unobligated balance available to finance new budget plans resulted from FY 1991 rescission (\$-171,846) and drug interdiction reprogrammings (\$-28,673).

The unobligated balance transferred to other accounts resulted from reprogramming for drug interdiction programs (\$+28,673).

COMPARISON OF FY 1990 PROGRAM REQUIREMENTS  
AS REFLECTED IN THE FY 1991 BUDGET  
WITH THE FY 1990 PROGRAM REQUIREMENTS AS SHOWN  
IN THE FY 1992/1993 BUDGET ESTIMATE  
SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation	FY 1990 Requirements Per FY 1991 Budget	FY 1990 Requirements Per FY 1992/1993 Budget Estimate	Increase (+) or Decrease (-)
Aircraft Procurement, Army			
Activity 2 - Other Missiles	2,158,064	1,982,271	-175,793
Activity 3 - Modification of Missiles	140,341	139,342	-999
Activity 4 - Spares and Repair Parts	176,315	115,132	-61,183
Activity 5 - Support Equipment and Facilities	28,992	28,992	0
TOTAL	2,503,712	2,265,737	-237,975

EXPLANATION BY ACTIVITY

Activity 2 - Other Missiles - The net decrease resulted from Army reprogrammings for Military Pay (\$-19,600), O&MA Supply Operations (\$-17,554) and Desert Shield (\$-4,000), FY 1991 rescission (\$-171,846), Drug Interdiction adjustment (\$+25) and net below-threshold reprogrammings (\$+37,182).

Activity 3 - Modification of Missiles - The net decrease resulted from net below-threshold reprogrammings (\$-999).

Activity 4 - Spares and Repair Parts - The net decrease resulted from Army reprogramming for Military Pay (\$-25,000) and net below-threshold reprogrammings (\$-36,183).

COMPARISON OF FY 1990 FINANCING AS REFLECTED  
IN THE FY 1991 BUDGET WITH FY 1990 FINANCING  
AS SHOWN IN FY 1992/1993 BUDGET ESTIMATE

	(In Thousands of Dollars)			
	FY 1990 Financing Per FY 1991 Budget	FY 1990 Financing Per FY 1992/1993 Budget Estimate	FY 1990 Increase (+) Or Decrease (-)	
Appropriation				
Missile Procurement, Army				
Program Requirements (Total)	2,770,012	2,435,050	-334,962	
Program Requirements (Service Account)	(2,503,712)	(2,265,737)	(-237,975)	
Program Requirements (Reimbursable)	(266,300)	(169,313)	(-96,987)	
Less:				
Anticipated reimbursements	-266,300	-169,313	+96,987	
Unobligated balance available to finance new budget plans	-3,500	-3,500	0	
Reprogramming from/to prior year budget plans		-21,755	-21,755	
Add:				
Unobligated balance available to finance subsequent year budget plans		+200,519	+200,519	
Unobligated balance lapsing		+21,755	+21,755	

BUDGET AUTHORITY

Appropriation

2,500,212      2,462,756      -37,456

EXPLANATION:

The reimbursable program (offsetting collections) decreased by \$96,987 because orders from Foreign Military sales did not materialize as anticipated.

The reprogramming to/from prior year budget plans resulted from unobligated balance lapsing (\$-21,755).

The unobligated balance available to finance subsequent year budget plans resulted from Army reprogrammings for Desert Shield (\$-4,000), Real Property Maintenance (\$-13,500), Drug Interdiction Program (\$-11,173), and FY 1991 rescission (\$-171,846).